

Fig. 1 Prior art

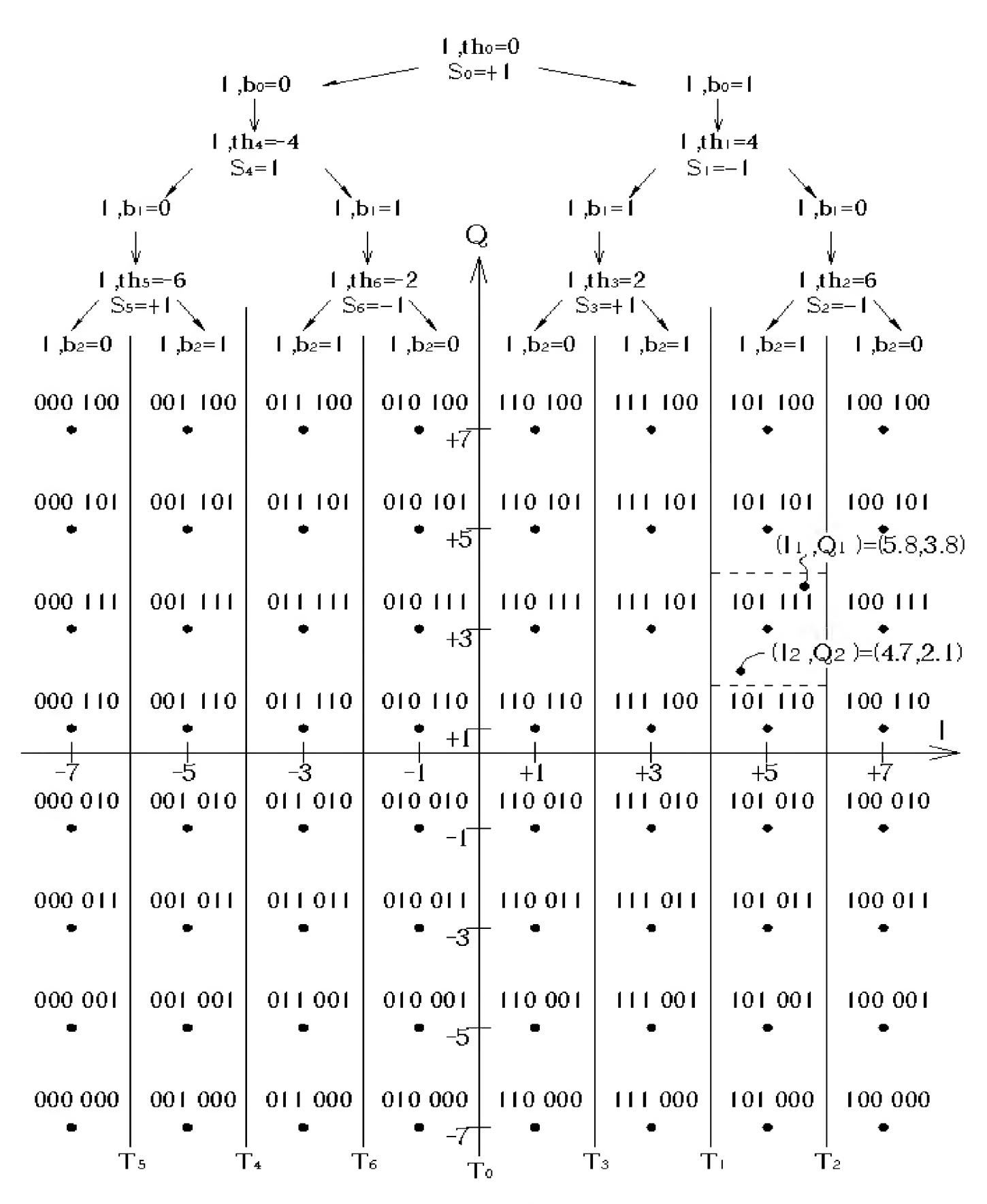


Fig. 2 Prior art

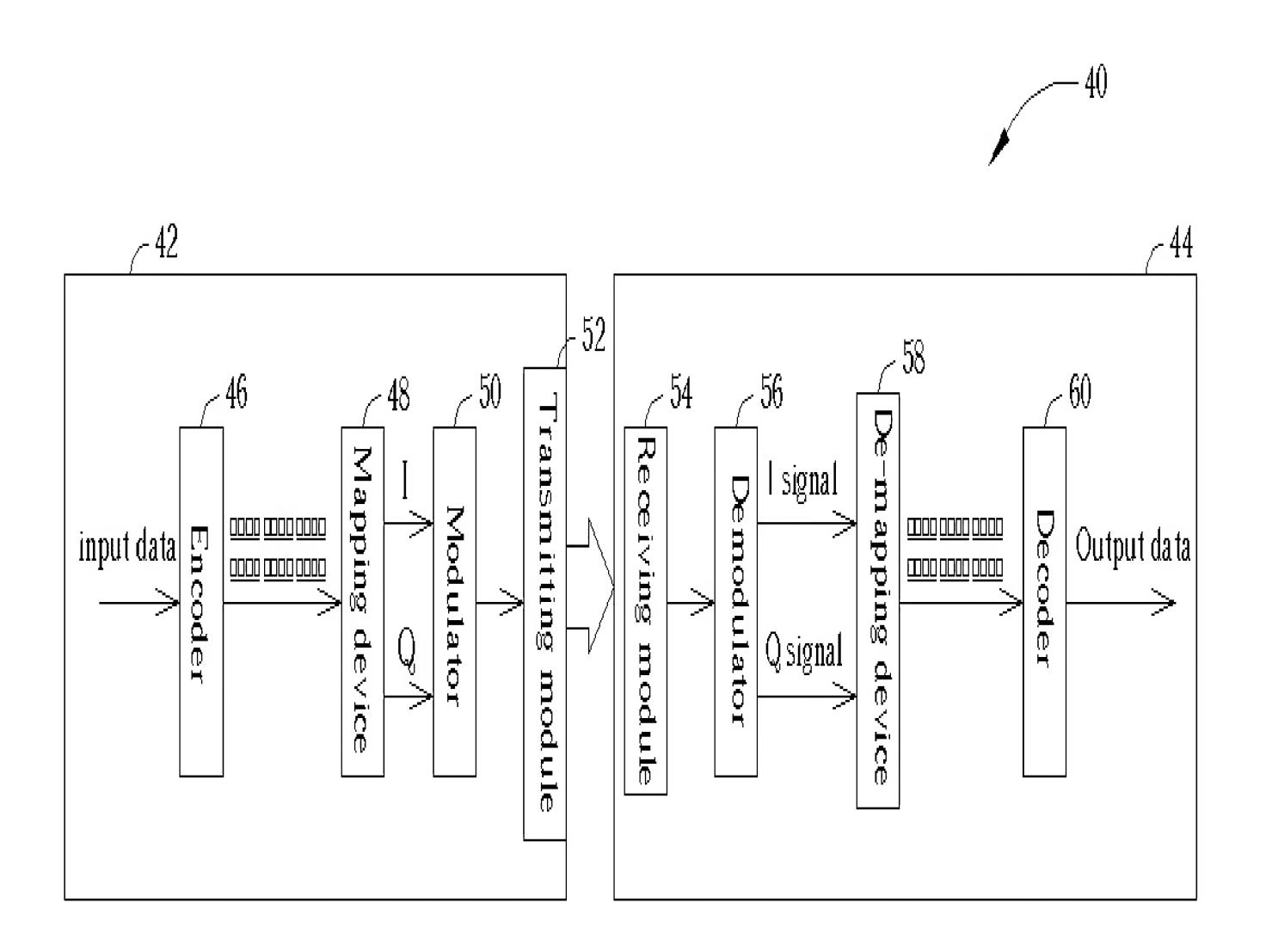
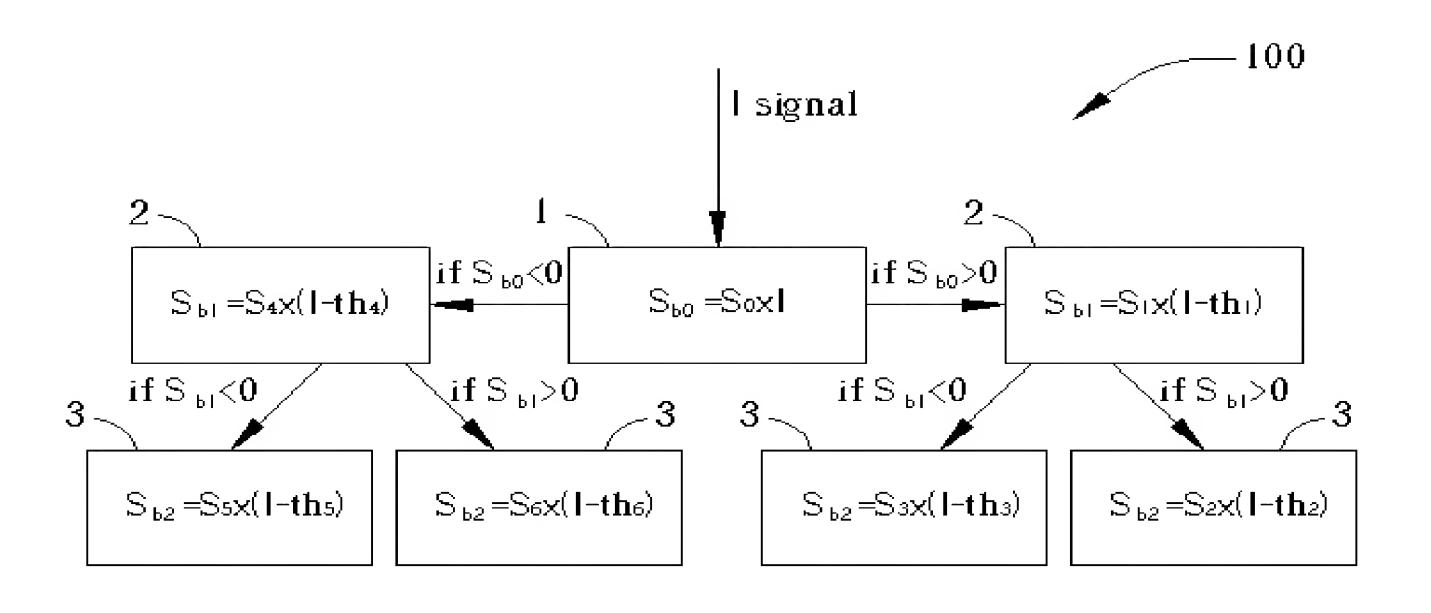
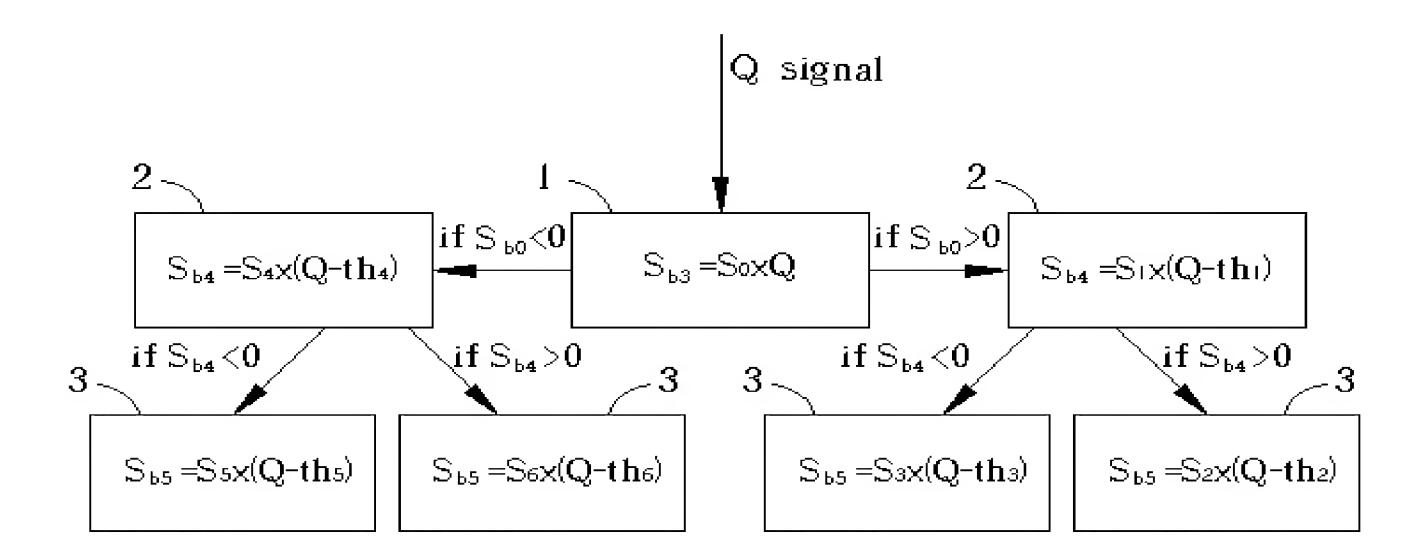


Fig. 3





$$\begin{tabular}{ll} \hline De-mapping \\ (I signal, Q signal) & \hline \\ & (S_{b0} S_{b1} S_{b2} S_{b3} S_{b4} S_{b5}) \\ \hline \end{tabular}$$

Fig. 4